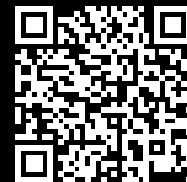


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DK 7998.307

RiMatrix S

State: 09/07/2025 (Source: rittal.com/sg-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7998.307 - RiMatrix S Standard security room

The standardised data centre at your premises is equipped with an additional security room (room-within-a-room) to provide additional protection from fire, water and smoke.

Features

Model No.	DK 7998.307
Product description	The standardised data centre at your premises is equipped with an additional security room (room-within-a-room) to provide additional protection from fire, water and smoke.
Material	Element core made of thermally effective insulation substance Robust, encapsulated sheet steel cassette panels Innovative connection technology using patented profile technology Use of temperature- and humidity-resistant seals Use of fire protection valves Dismantling and reassembly is possible at any time
Supply includes	Advice and ROI calculation Delivery and integration into the customer infrastructure Commissioning and handover Documentation, training and instruction Hotline and service/service agreements
Clearance depth	7,220 mm
Clearance height	2,700 mm
Clearance width	4,776 mm
Climate control (ZUCS)	120 kW + 20 kW n+2 redundant
Number of low-voltage main distributors	2
No. of PDU Basic	28
Serverracks (600x2000x1200mm)	12
Combined network/server rack (800 x 2000 x 1200 mm)	2

Features

Protection standards	Fire resistance EI 90 to EN 1363/F 90 to DIN 4102 Dust- and watertight IP 56 to IEC 60 529 Protection from unauthorised access – Resistance class II EMC basic protection Acrid gas-tightness, based on EN 1634-3 (DIN 18095) Shock test with 3000 Nm energy after 30 minutes flame impingement over standard temperature curve
Burglar resistance	RC 2
Design burglar protection	Yes
Design fire protection	EI 90 to EN 1363 / F 90 to DIN 4102
Humidification and dehumidification system	optional
Room extinguisher system	optional
Design UPS	2 x (60 kW + 20 kW) n+1 redundant
Version	Double 6
Dimensions	Width: 4,976 mm Height: 2,800 mm Depth: 7,420 mm
Packs of	1 pc(s).
Customs tariff number	73089059
EAN	4028177702509
ETIM 9	EC002499
ECLASS 8.0	27180207

Tender text

Standard data centre 120 kW, 12+2 racks,
including cooling and UPS, installed in a security
room,,

Fully functional data centre comprising an ITC
climate zone for the server and network systems, and a
separate technical climate zone for the UPS equipment
and low-voltage switchgear.

The ITC climate zone comprises two rack suites (depth
1200 mm) with 6 server racks and a network rack each,
and is fully isolated from the climate zone for the
electrical equipment by way of self-closing sliding
doors in the cold and hot aisles.

The standard data centre is enclosed in an accurately
dimensioned, modular IT security room. All connecting
elements of the room system are designed to permit
disassembly and re-use. The enclosure is a steel box
construction. The IT security room is installed as a